

12/31/01
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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 51876P288

First Inventor or Application Identifier Kang Bok Lee

Title METHOD FOR GENERATING NODES IN MULTIWAY search TREE AND

Express Mail Label No. EL651822497US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification Total Pages 21 <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C.113) Total Sheets 8</p> <p>5. Oath or Declaration Total Pages [] <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). </p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.</p>	<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CFR) b. <input type="checkbox"/> Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statement verifying identity of above copies </p>
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ACCOMPANYING APPLICATION PARTS

- 9. Assignment Papers (cover sheet & document(s))
- 10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
- 11. English Translation Document *(if applicable)*
- 12. Information Disclosure Statement (IDS)/PTO - 1449 Copies of IDS Citations
- 13. Preliminary Amendment
- 14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- 15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- 16. Nonpublication Request under 35 USC 122(b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent
- 17. Other: Formal drawings transmittal; Request for Priority

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: Continuation Divisional Continuation-in-part (CIP) of prior application No: _____ / _____

Prior application Information: Examiner _____

Group/Art Unit: _____

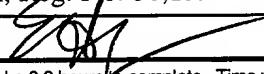
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

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08791

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Name (Print/Type) Eric S. Hyman, Reg. No. 30,139

Signature 

Date 1-13-01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

JC903 U.S. PTO
10/03/2001
12/31/01

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FEE TRANSMITTAL		<i>Complete if Known</i>	
for FY 2002		Application Number	
Patent fees are subject to annual revision.		Filing Date	
		First Named Inventor	Kang Bok Lee, et al.
		Examiner Name	
		Group Art Unit	
		Attorney Docket Number	51876P288
TOTAL AMOUNT OF PAYMENT (\$)		454.00	

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		3. ADDITIONAL FEE	
Deposit Account Number	02-2666		
Deposit Account Name	Blakely, Sokoloff, Taylor & Zafman LLP		
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Large Entity Small Entity Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$) Code (\$) Code (\$)	
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other Order		105 130 205 65 Surcharge - late filing fee or oath 127 50 227 25 Surcharge - late provisional filing fee or cover sheet. 139 130 139 130 Non-English specification 147 2,520 147 2,520 For filing a request for ex parte reexamination 112 920 112 920 Requesting publication of SIR prior to Examiner action 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action 115 110 215 55 Extension for response within first month 116 400 216 200 Extension for response within second month 117 920 217 460 Extension for response within third month 118 1,440 218 720 Extension for response within fourth month 128 1,960 228 980 Extension for response within fifth month 119 320 219 160 Notice of Appeal 120 320 220 160 Filing a brief in support of an appeal 121 280 221 140 Request for oral hearing 138 1,510 138 1,510 Petition to institute a public use proceeding 140 110 240 55 Petition to revive - unavoidably 141 1,280 241 640 Petition to revive - unintentionally 142 1,280 242 640 Utility issue fee (or reissue) 143 460 243 230 Design issue fee 144 620 244 310 Plant issue fee 122 130 122 130 Petitions to the Commissioner 123 50 123 50 Petitions related to provisional applications 126 180 126 180 Submission of Information Disclosure Stmt 581 40 581 40 Recording each patent assignment per property (times number of properties) 146 740 246 370 Filing a submission after final rejection (37 CFR 1.129(a)) 149 740 249 370 For each additional invention to be examined (37 CFR 1.129(b)) 179 740 279 370 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application	
FEE CALCULATION 1. FILING FEE Large Entity Small Entity Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$) Code (\$) Code (\$)		SUBTOTAL (1) (\$)	
101 740 201 370 Utility filing fee 106 330 206 165 Design filing fee 107 510 207 255 Plant filing fee 108 740 208 370 Reissue filing fee 114 160 214 80 Provisional filing fee		\$370.00	
2. EXTRA CLAIM FEES Total Claims 14 -20** = 0 X \$9.00 = 0.00 Independent Claims 5 -3** = 2 X \$42.00 = 84.00 Multiple Dependent		Fee from Extra Claims below Fee Paid	
Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$) Code (\$) Code (\$)		SUBTOTAL (2) (\$)	
103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple Dependent claim 109 84 209 42 **Reissue independent claims over original patent 110 18 210 9 **Reissue claims in excess of 20 and over original patent		84.00	
*or number of previously paid, if greater. For Reissues, see above			
Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$)	

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Eric S. Hyman, Reg. No. 30,139		Reg. Number
Signature		Date	1/31/01
Deposit Account User ID	02-2666		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

KANG BOK LEE, ET AL.

Application No.:

Filed:

For: **METHOD FOR GENERATING
NODES IN MULTIWAY search TREE
AND SEARCH METHOD USING
THE SAME - UTILITY**

Art Group:

Examiner:

Assistant Commissioner for Patents
Washington, D.C. 20231

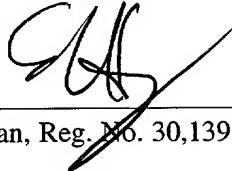
TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Enclosed herewith for filing in the above-identified U.S. Patent Application are the formal drawings, 8 sheets including 10 Figures. Applicant hereby authorizes any additional extension or petition fees under 37 C.F.R. §1.17 or credit for any overpayment to our Deposit Account No. 02-2666. A copy of the Fee Transmittal sheet is enclosed.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN



Eric S. Hyman, Reg. No. 30,139

Dated: December 31, 2001

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